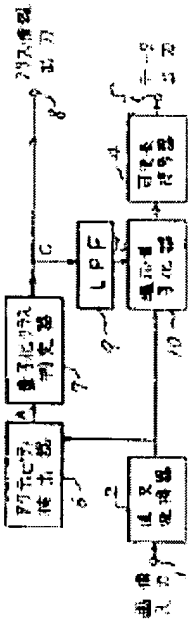
PICTURE CODER AND DECODER

Patent number: JP4321391
Publication date: 1992-11-11
Inventor: SUGIYAMA KENJI
Applicant: VICTOR CO OF JAPAN LTD
Classification:
- international: H04N7/13; G06F15/66; H03M7/30; H04N1/41; H04N11/04
- european:
Application number: JP19900262389 19900929
Priority number(s):

Abstract of **JP4321391**

PURPOSE:To improve the deterioration in the picture quality at an edge by discriminating a quantization class not in the unit of each block but over a wider range so that the quantization is not made rough in the edge part thereby implementing quantization in matching with the visual sense characteristic without increase in a mosquito noise.

CONSTITUTION:Class information C being an output signal of a quantization class discriminator mainly is inputted to an adaptive quantizer 10 via an LPF (low pass filter) 9. The class C is smoothed by the LPF9. The processing results from replacing the processing to a picture element by a conventional LPF with a class for each block. The class C' subject to filtering therein is converted into a multi-value and it is fed to the adaptive quantizer 10. The adaptive quantizer 10 quantizes a coefficient by using a value resulting from multiplying a control coefficient with a quantization step depending on the class C'.



Data supplied from the ***esp@cenet*** database - Worldwide

BEST AVAILABLE COPY